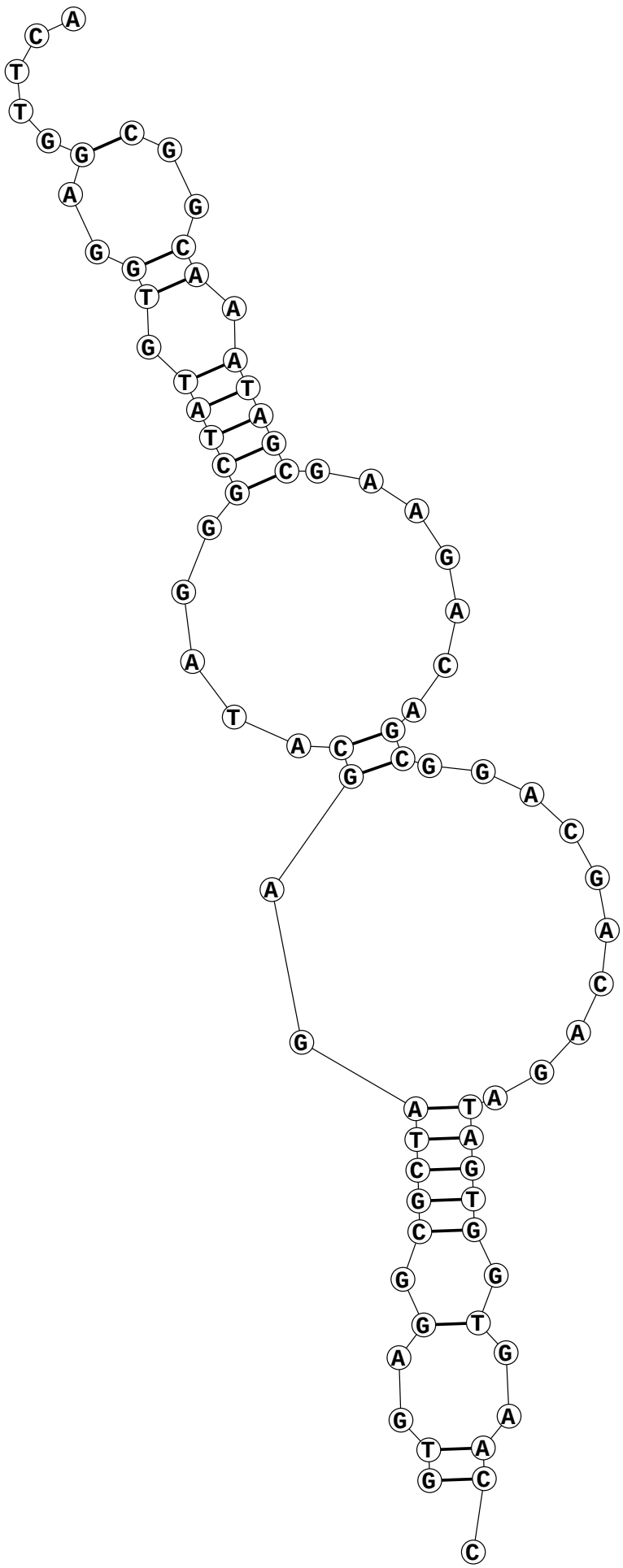

ENERGY = -13.0 bad_fw_ bad_rv